

## TR 200mini rams foundation piles for piers

Swiss made



# TERRA-HAMMER TR 200mini

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## Steel pipes as foundation piles

The Swiss contractor Boerlin Lavori Subacquei SA rams steel pipes as foundation piles for new piers into the lake ground. He uses a TERRA-HAMMER TR 200mini. In the past he used a conventional post ram, but its ramming energy had been too low. Company's owner Bruno Santomauro decided to purchase a TERRA-HAMMER TR 200mini due to its higher ramming energy and its easy handling.

Contractor Boerlin is specialized for construction sites under and over water on the Lago Maggiore and other lakes in the Canton Tessin.



Pic. 1: The pontoon platform during the crossing of the Lago Maggiore. It is equipped with a crane, an air compressor and a generator. The new steel pipes and the ram had also been lifted onto the pontoon.



Pic. 2: The steel pipe, the ram ring and the ram were assembled and tightened with three tension belts. The pressure ring at the rear end of the ram has five lifting eyes.

Pic. 3: The complete unit is lifted with the crane.



## Job site pictures

TERRA-HAMMER TR 200mini



Pic. 4: For vertical alignment of the steel pipe a steel frame is screwed onto the old pier.



Pic. 5: The TR 200mini during ramming operation.



Pic. 6: The foundation pile is rammed in. Later on the new pier will be built onto this pile.

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